



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.	APPLICATION NO.
1965.1009	10/624,567
FIRST NAMED INVENTOR	
Takatoshi MIYAHARA, et al.	
FILING DATE	GROUP ART UNIT
July 23, 2003	1634

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Sheet 1 of 1

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RTC	AA	5,776,672	07/07/98	Hashimoto et al.			
RTC	AB	5,605,662	02/25/97	Heller et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
RTC	AC	9-288080	04/11/97	JAPAN		X

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION  
YES NO

RTC	AD	Shin et al., XP-002387475, (C) WPI/DERWENT, 1998 (in English)		
	AE	Takenaka et al., XP-002387064 (Electrochemically active threading intercalator with high double stranded DNA selectivity) Chem. Commun., 1998, pp. 1111-1112 (in English)		
	AF	Kelley et al., XP-002162320 (Long-Rang Electron Transfer through DNA Films) ANGEWANDTE CHEMIE, INTERNATIONAL EDITION, WILEY-VCH Verlag GmbH, Weinheim, 1999, pp. 941-945 (in English)		
	AG	Millan et al., XP-000478033 (Voltammetric DNA Biosensor for Cystic Fibrosis Based on a Modified Carbon Paste Electrode) Analytical Chemistry, 1994, pp. 2943-2948 (in English)		
	AH	Wang, XP-002387065 (Towards Genoelectronics: Electrochemical Biosensing of DNA Hybridization) CHEMISTRY, A EUROPEAN JOURNAL, WILEY-VCH Verlag GmbH, Weinheim, 1999, pp. 1681-1685 (in English)		
	AI	Wakai et al., XP-002387199 (A novel method of identifying genetic mutations using an electrochemical DNA array), Nucleic Acids Research, Vol. 32 No. 18, 2004, 10 pages (in English)		
RTC	AJ	Kelley et al., XP-002235954 (Single-base mismatch detection based on charge transduction through DNA) Nucleic Acids Research, OXFORD UNIVERSITY PRESS, 1994, Vol. 27, No. 24, 8 pages (in English)		

## EXAMINER

/Robert Crow/

## DATE CONSIDERED

01/04/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


**ATTACHMENT 1(g)**

<b>LIST OF ADDITIONAL SUBMITTED DOCUMENTS</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1965.1009	10/624,567
	FIRST NAMED INVENTOR	
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The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

**This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.**

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
	AC						
	AD						

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

TRANSLATION YES NO

RTC	AE	European Search Report for corresponding European Patent Application No. EP00948305.8 dated August 8, 2006 (in English)		
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EXAMINER <i>/Robert Crow/</i>	DATE CONSIDERED 01/04/2007
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*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RTC	AA	5,723,345	Mar. 3, 1998	Yamauchi et al.			
RTC	AB	5,204,239	Apr. 20, 1993	Gitler et al.			
	AC						
	AD						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
RTC	AE	9-503307	03/31/97	JAPAN (WO96/01836)		Corresp. to WO 96/01836
RTC	AF	8-75748	03/22/96	JAPAN (US 5,723,345)		X
RTC	AG	WO 97/36681	10/09/97	International (in English)		
RTC	AH	10-503848	04/07/98	JAPAN (WO 96/05510)	X	Corresp. to WO 96/05510
RTC	AI	9-61312	03/07/97	JAPAN	X	
RTC	AJ	6-90736	04/05/94	JAPAN (US 5,204,239)		ABSTRACT
RTC	AK	5-10914	01/19/93	JAPAN	X	X

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION YES NO
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	AC						
	AD						

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TRANSLATION YES      NO
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RTC	AE	Japanese Office Action for corresponding Japanese Patent Application No. 11-224681 dated August 31, 2006	X	
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